

Permit Section

For 2011

1. Number and types of animals on site.	Types: <i>broiler</i>	Number: <i>1,159,000</i>
2. Estimated amount of litter, litter, compost and/or process wastewater generated in the previous calendar year.	Amount: <i>975 tones</i>	
3. Estimated amount of litter, litter, compost and/or process wastewater transferred to a 3rd party in the previous calendar year.	Amount Transferred: <i>975 tones</i>	
4. Total number of acres for land application covered by the nutrient management plan.	Acres: <i>0</i>	
5. Total number of acres under control of the landowner that were used for land application of litter, litter, compost and/or process wastewater in the previous calendar year.	Acres: <i>0</i>	
6. Summary of all litter, litter and/or process wastewater discharges to waters of the state from the production area that have occurred in the previous calendar year, include date, time and approximate volume.	Date: 	Time:
7. The current version of the Comprehensive Nutrient Management Plan was developed and/or approved by a certified nutrient management planner.	Volume: 	
	<input checked="" type="radio"/> Yes <input type="radio"/> No Comments: <i>yes</i>	

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person's directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Date: 1-2-12

Mail a completed form to the following agencies:
Tennessee Department of Environment and Conservation
 Division of Water Pollution Control
 6th Floor L&C Annex, 401 Church Street
 Nashville, TN 37243
 And
Tennessee Department of Agriculture
 Ellington Agricultural Center
 P.O. Box 40627
 Nashville, TN 37204

Appendix B

Agreement for the Removal of Litter, Manure and/or Process Wastewater from an AFO

The conditions listed below help to protect water quality. These conditions apply to litter, manure and/or process wastewater removed from an AFO. The material covered by this agreement was removed on

litter from the facility Kirksey Farm owned by Edward Kirksey located at 177 Kirksey Dr Ouce, TN 37361

- A. The litter, manure and/or process wastewater must be managed to ensure there is no discharge of litter, manure and/or process wastewater to surface or groundwater.
- B. When removed from the facility, litter, manure and/or process wastewater should be applied directly to the field or stockpiled and covered with plastic or stored in a building.
- C. Litter, manure and/or process wastewater must not be stockpiled near streams, sinkholes, wetlands or wells.
- D. Fields receiving litter, manure and/or process wastewater should be soil tested at least every two or three years.
- E. A litter, manure and/or process wastewater nutrient analysis should be used to determine application rates for various crops.
- F. Calibrate spreading equipment and apply litter, manure and/or process wastewater uniformly.
- G. Apply no more nitrogen or phosphorus than can be used by the crop.
- H. A buffer zone is recommended between the application sites and adjacent streams, lakes, ponds, sinkholes, springs and wells.
- I. Do not apply litter, manure and/or process wastewater when the ground is frozen or on steep slopes subject to flooding, erosion, during rain events, or onto saturated soil, or rapid runoff.
- J. Cover vehicles hauling litter, manure and/or process wastewater on public roads.
- K. Keep records of locations where poultry litter will be used as a fertilizer.

I, Ken Bell am the person receiving the litter and do understand the above conditions.
(Name)

Mr. Ken Bell 9-24-10 1000 TONS more or less
and 2011

AGRICULTURAL DIAGNOSTIC LABORATORY
UNIVERSITY OF ARKANSAS - FAYETTEVILLE

***MANURE FOR FERTILIZER ANALYSIS (report for AGRI-429)

Name:	FRANK KIRKSEY	Received in lab:	12/12/11
Address:	177 KIRKSEY DR	Mailed:	12/16/11
City:	OCOEE	State, Zip:	TN 37361
County:	POLK	CK#:	1886

Lab. No.	M11537					
Sample No.	1					
Animal type	broilers					
-age/lbs						
Bedding type	shavings/sawdust					
Manure type	cake					
Sample date	12/09/11					
Age of manure	4 months					
pH	8.3					
EC(umhos/cm)	14840					
% H2O	19.50					

-on dry basis-

Total %N	3.87					
Total %P	2.71					
Total %K	3.65					
Total %Ca	5.73					
Total %Carbon	33.78					
NO3-N, mg/kg						
NH4-N, mg/kg						

-on as-is basis-

Total %N	3.12					
Total %P	2.18					
Total %K	2.94					
Total %Ca	4.61					
Total %Carbon	27.19					
NO3-N, mg/kg						
NH4-N, mg/kg						

-lbs/ton on as-is basis-

N	62.4					
P2O5	99.8					
K2O	71.1					
Ca	92.2					
Total Carbon	543.8					
NO3-N						
NH4-N						

***all analyses performed on "as-is" basis/ "dry" basis is calculated from moisture content

*lbs/ton P2O5 = %Total P on "as-is" basis multiplied by 20*2.29

*lbs/ton K2O = %Total K on "as-is" basis multiplied by 20*1.2

Litter for 2011

1-16-11 - 1-22-11 6 Loads Dewithe Datton

90 tones ~~900.00~~

\$ 900.00

3-1-11 - 6-25-11 32 Loads Dewithe Datton

480 tones ~~4800.00~~

\$ 4800.00

8-1-11 - 10-8-11 10 Loads Dewithe Datton

150 tones ~~1500.00~~

\$ 1500.00

10-10-11 - 11-14-11 17 Loads Dewithe Datton

255 tones ~~2550.00~~

\$ 2550.00

for 2011

Tools ~~8~~ 975 tones

birds Mortality
a placement year 2011

3-11- dead 13,257 place 193,500

4-11- dead 9,856 place 193,500

6-11 dead 8,036 place 195,000

8-11 dead 9,620 place 190,900

10-11 dead 7,413 place 192,000

12-11 dead 9,785 place 194,100

total 57,967 1,159,000

Daily Water/Cooling Inspection

October 2010

November

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Su	Mo	Tue	We	Th	Fri	Sat
						1		1	2	3	4	5	6
2	3	4	5	6	7	8	7	8	9	10	11	12	13
9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30				
30	31												

December 2010

January 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4							1
5	6	7	8	9	10	11	2	3	4	5	6	7	8
12	13	14	15	16	17	18	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	17	18	19	20	21	22
26	27	28	29	30	31		23	24	25	26	27	28	29
							30	31					

February 2011

March 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5			1	2	3	4	5
6	7	8	9	10	11	12	6	7	8	9	10	11	12
13	14	15	16	17	18	19	13	14	15	16	17	18	19
20	21	22	23	24	25	26	20	21	22	23	24	25	26
27	28						27	28	29	30	31		

Daily Water/Cooling Inspection

April 2011

May 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 ✓	2 ✓	1 ✓	2 ✓	3 ✓	4 ✓	5 ✓	6 ✓	7 ✓
3 ✓	4 ✓	5 ✓	6 ✓	7 ✓	8 ✓	9 ✓	8 ✓	9 ✓	10 ✓	11 ✓	12 ✓	13 ✓	14 ✓
10 ✓	11 ✓	12 ✓	13 ✓	14 ✓	15 ✓	16 ✓	15 ✓	16 ✓	17 ✓	18 ✓	19 ✓	20 ✓	21 ✓
17 ✓	18 ✓	19 ✓	20 ✓	21 ✓	22 ✓	23 ✓	22 ✓	23 ✓	24 ✓	25 ✓	26 ✓	27 ✓	28 ✓
24 ✓	25 ✓	26 ✓	27 ✓	28 ✓	29 ✓	30 ✓	29 ✓	30 ✓	31 ✓				

June 2011

July 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 ✓	2 ✓	3 ✓	4 ✓						1 ✓	2 ✓
5 ✓	6 ✓	7 ✓	8 ✓	9 ✓	10 ✓	11 ✓	3 ✓	4 ✓	5 ✓	6 ✓	7 ✓	8 ✓	9 ✓
12 ✓	13 ✓	14 ✓	15 ✓	16 ✓	17 ✓	18 ✓	10 ✓	11 ✓	12 ✓	13 ✓	14 ✓	15 ✓	16 ✓
19 ✓	20 ✓	21 ✓	22 ✓	23 ✓	24 ✓	25 ✓	17 ✓	18 ✓	19 ✓	20 ✓	21 ✓	22 ✓	23 ✓
26 ✓	27 ✓	28 ✓	29 ✓	30 ✓			24 ✓	25 ✓	26 ✓	27 ✓	28 ✓	29 ✓	30 ✓
							31 ✓						

August 2011

September 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1 ✓	2 ✓	3 ✓	4 ✓	5 ✓	6 ✓					1 ✓	2 ✓	3 ✓
7 ✓	8 ✓	9 ✓	10 ✓	11 ✓	12 ✓	13 ✓	4 ✓	5 ✓	6 ✓	7 ✓	8 ✓	9 ✓	10 ✓
14 ✓	15 ✓	16 ✓	17 ✓	18 ✓	19 ✓	20 ✓	11 ✓	12 ✓	13 ✓	14 ✓	15 ✓	16 ✓	17 ✓
21 ✓	22 ✓	23 ✓	24 ✓	25 ✓	26 ✓	27 ✓	18 ✓	19 ✓	20 ✓	21 ✓	22 ✓	23 ✓	24 ✓
28 ✓	29 ✓	30 ✓	31 ✓				25 ✓	26 ✓	27 ✓	28 ✓	29 ✓	30 ✓	

Daily Water/Cooling Inspection

October ~~2010~~ 2011

November 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1			1	2	3	4	5
2	3	4	5	6	7	8	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28	29	30			
30	31												

December 2011

January 2012

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3	1	2	3	4	5	6	7
4	5	6	7	8	9	10	8	9	10	11	12	13	14
11	12	13	14	15	16	17	15	16	17	18	19	20	21
18	19	20	21	22	23	24	22	23	24	25	26	27	28
25	26	27	28	29	30	31	29	30	31				

February 2012

March 2012

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4					1	2	3
5	6	7	8	9	10	11	4	5	6	7	8	9	10
12	13	14	15	16	17	18	11	12	13	14	15	16	17
19	20	21	22	23	24	25	18	19	20	21	22	23	24
26	27	28	29				25	26	27	28	29	30	31

storm water drainage

1/01/10 ✓	1/01/11 ✓
2/01/10 ✓	2/01/11 ✓
3/01/10 ✓	3/01/11 ✓
4/01/10 ✓	4/01/11 ✓
5/01/10 ✓	5/01/11 ✓
6/01/10 ✓	6/01/11 ✓
7/01/10 ✓	7/01/11 ✓
8/01/10 ✓	8/01/11 ✓
9/01/10 ✓	9/01/11 ✓
10/01/10 ✓	10/01/11 ✓
11/01/10 ✓	11/01/11 ✓
12/01/10 ✓	12/01/11 ✓

Rain Fall 2011

1-25-11 1"

1-26-11 .5"

2-1-11 .5"

2-4-11 .4"

2-28-11 .5"

3-6-11 1.5"

3-9-11 2.25"

3-15-11 .75"

3-26-11 2"

3-28-11 .5"

3-30-11 .4"

4-5-11 1.75"

4-12-11 .3"

4-15-11 1.5"

4-16-11 .75"

4-29-11 1.5"

5-3-11 1"

5-13-11 .75"

5-26-11 .25"

6-15-11 .75"

6-18-11 .5"

6-23-11 1"

7-4-11 .5"

7-8-11 1.5"

7-9-11 .25"

7-12-11 .25"

7-15-11 .25"

7-21-11 .4"

8-19-11 .4"

9-6-11 9.25"

9-21-11 .5"

9-22-11 1.75"

9-23-11 .25"

9-26-11 .75"

10-5-11 1"

10-12-11 1"

10-18-11 2"

10-26-11 .25"

11-2-11 .5"

11-16-11 1.5"

11-22-11 1"

11-28-11 3"

12-7-11 2.7"

12-15-11 5"